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U.S ENVIRONMENTAL PROTECTION AGENCY
SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY

Preparer's Name: Robert Whittier/Carl Overpeck Date Prepared: 22-February-2014

Preparer's Affiliation: EPA/START Phone No. 907-257-5000 ext 3303



1. OCCUPANTS: None at time of inspection.

Last Name: (b) (6) First Names: (b) (6)

Property address: EA Block 26A Lot 5; 720 East 3rd Avenue, Anchorage, AK. 99515

Home Phone: (b) (6) Office/Cell Phone: _____

Number of Occupants/persons at this location: (b) (6) Age of Occupants: (b) (6)

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2. OWNER OR LANDLORD

Last Name: (b) (6) First Name: (b) (6)

Property address: EA Block 26A Lot 5; 720 East 3rd Avenue, Anchorage, AK. 99515

Home Phone: (b) (6) Office/Cell Phone:

3. TYPE OF BUILDING: Residential

If residential, type of property:

<input type="checkbox"/> Ranch	<input type="checkbox"/> 2-Family	<input type="checkbox"/> 3-Family
<input type="checkbox"/> Raised Ranch	<input checked="" type="checkbox"/> Split Level	<input type="checkbox"/> Colonial
<input type="checkbox"/> Cape Cod	<input type="checkbox"/> Contemporary	<input type="checkbox"/> Mobile Home
<input type="checkbox"/> Duplex	<input type="checkbox"/> Apartment House	<input type="checkbox"/> Townhouses/Condos
<input type="checkbox"/> Modular	<input type="checkbox"/> Log Home	Other:

If multiple units, how many? N/A

If commercial, type? N/A

Business type(s): N/A

Does the business include residences? ☐ Y ☒ N

Other Building Characteristics:

Number of floors: 2 Approximate building age: 50+

Is the building insulated? ☒ Y ☐ N How air tight? ☐ Tight ☒ Average ☐ Not Tight

4. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- | | |
|--|---|
| a. Above grade construction: | <input checked="" type="checkbox"/> wood <input type="checkbox"/> concrete <input type="checkbox"/> stone <input type="checkbox"/> brick <input type="checkbox"/> other |
| b. Basement type: | <input type="checkbox"/> full <input checked="" type="checkbox"/> crawlspace <input checked="" type="checkbox"/> slab <input type="checkbox"/> other |
| c. Basement floor: | <input checked="" type="checkbox"/> concrete <input type="checkbox"/> dirt <input type="checkbox"/> stone <input type="checkbox"/> other |
| d. Basement floor: | <input type="checkbox"/> uncovered <input type="checkbox"/> covered, covered with mostly carpet |
| e. Concrete floor: | <input checked="" type="checkbox"/> unsealed <input type="checkbox"/> sealed, sealed with some paint |
| f. Foundation walls: | <input checked="" type="checkbox"/> poured <input type="checkbox"/> block <input type="checkbox"/> stone <input type="checkbox"/> other |
| g. Foundation walls: | <input checked="" type="checkbox"/> unsealed <input type="checkbox"/> sealed, sealed with some paint |
| h. The basement is: | <input type="checkbox"/> wet <input type="checkbox"/> damp <input checked="" type="checkbox"/> dry <input type="checkbox"/> moldy |
| i. The basement is: | <input type="checkbox"/> finished <input type="checkbox"/> unfinished <input checked="" type="checkbox"/> partially finished |
| j. Sump present? | <input type="checkbox"/> Y <input type="checkbox"/> N NOT OBSERVED |
| k. Water in sump? | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |
| l. Sump covered/sealed? | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |
| m. Floor drains present? | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |
| n. Perimeter trench drains present? | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA UNKNOWN |
| o. Indoor cisterns/drywell? | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA |
| p. Laundry chute to 1 st or 2 nd Floors? | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA |

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Basement/lowest level depth below grade: ~5 (feet)

Identify and describe potential soil vapor entry points and approximate size (e.g., floor cracks, utility ports, floor drains, wall cracks, weeps, or indoor wells):

Soil crawl spaces, floor cracks, utility ports, floor drains, wall & slab cracks.

Other Comments: Abundant property storage and lack of lighting throughout basement obstructed/imposed detailed evaluation.

5. HEATING, VENTING and AIR CONDITIONING

Identify all that apply and highlight primary:

- | | | |
|---|---|--|
| <input type="checkbox"/> Hot air circulation | <input type="checkbox"/> Heat pump | <input type="checkbox"/> Hot water baseboard |
| <input checked="" type="checkbox"/> Space Heaters | <input type="checkbox"/> Stream radiation | <input type="checkbox"/> Radiant floor |
| <input type="checkbox"/> Electric baseboard | <input type="checkbox"/> Wood stove | <input type="checkbox"/> Outdoor wood boiler |
| <input type="checkbox"/> Other: _____ | | |

Approximate age of heating system(s): UNKNOWN

The primary type of fuel used is:

- | | | |
|---|-----------------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> Natural Gas | <input type="checkbox"/> Fuel Oil | <input type="checkbox"/> Kerosene |
| <input type="checkbox"/> Electric | <input type="checkbox"/> Propane | <input type="checkbox"/> Solar |
| <input type="checkbox"/> Wood | <input type="checkbox"/> Coal | |

Domestic hot water tank fueled by: Natural Gas

Fuel oil storage location/condition/size, if applicable: _____

Boiler/furnace located in: ☒ Basement ☐ Outdoors ☐ Main Floor ☐ Other _____

Storage wood or coal: ☐ Basement ☐ Outdoors ☐ Main Floor ☒ Other N/A

Fireplace(s) located in: ☐ Basement ☐ Main Floor ☒ Other N/A

Air conditioning: ☐ Central Air ☐ Window units ☐ Open Windows ☒ None

Dehumidification: ☐ Stand alone unit ☐ Located on central air system ☒ NA

Are there air distribution ducts present? ☐ Y ☒ N

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6. OCCUPANCY is basement/lowest level occupied?

☒ Full-time ☐ Occasionally ☐ Seldom ☐ Almost Never

<u>Level</u>	<u>General Use of Each Floor (e.g., family room, bedroom, laundry, storage, etc.)</u>
Basement	<u>Laundry, Utilities, Storage</u>
st 1 Floor	<u>Residential</u>
nd 2 Floor	<u>None</u>

7. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? ☐ Y ☒ N
- b. Does the garage have a separate heating unit? ☐ Y ☐ N ☒ NA
- c. Are petroleum-powered machines or vehicles stored in the garage? ☐ Y ☒ N
- d. Has the building ever had a fire? ☐ Y ☒ N When? _____
- e. Is a kerosene or unvented gas space heater present? ☐ Y ☒ N Where? _____
- f. Is there a workshop or hobby/craft area? ☐ Y ☒ N Where & type? _____
- g. Is there smoking in the building? ☐ Y ☐ N How frequently? Unknown
- h. Is there a kitchen exhaust fan? ☐ Y ☐ N If yes, where vented? Unknown
- i. Is there a bathroom exhaust fan? ☐ Y ☐ N If yes, where vented? Unknown
- j. Is there a clothes dryer? ☒ Y ☐ N Type: ☒ Gas ☐ Electric Where vented: _____
- k. Basement windows? ☒ Y ☐ N Type: ☒ Casement ☐ Awning ☐ Glass block Condition: _____
- l. Are there exterior doors in the basement (e.g. "Bilco")? ☐ Y ☒ N ☐ NA

Are there odors in the building? ☒ Y ☐ N

If yes, please describe: Musty

Do any of the building occupants use solvents at work (e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, cosmetologist)? ☐ Y ☐ N **UNKNOWN**

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? ☐ Y ☐ N

Do any of the building occupants regularly use or work at a dry-cleaning service?

Yes, use dry-cleaning regularly (i.e., weekly): ☐ Y ☒ N

Yes, use dry-cleaning infrequently (i.e., monthly or less): ☐ Y ☐ N ☒ Unknown

Yes, work at a dry-cleaning service: ☐ Y ☒ N

8. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well ☐ Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well ☐ Other: _____

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9. OTHER ENVIRONMENTAL HAZARDS OBSERVED

Note factors that may impact vapor mitigation system installation or other construction activities:

A. Potential Asbestos: ☐ Yes ☐ No ☒ Suspected

1. Location & Estimated Quantity: Sprayed on popcorn ceiling
2. General Condition: ☐ Good ☒ Fair ☐ Poor
3. Other Comments: _____

B. Potential Lead Paint: ☐ Yes ☐ No ☒ Suspected

1. Location & Estimated Quantity: Walls & floor throughout
2. General Condition: ☐ Good ☐ Fair ☐ Poor
3. Other Comments: _____

10. BASEMENT FLOOR PLANS

See attached figure.

11. TEMPORARY STORAGE

Is temporary storage required during performance of the removal action? ☒ Y ☐ N

If yes, describe: Utilities, washer & dryer, personal property stored throughout basement. See photos.

12. DAMAGE TO FIXTURE/FURNISHINGS

Must any fixtures or furnishings such as carpet or tile, be damaged or removed to perform the removal action?

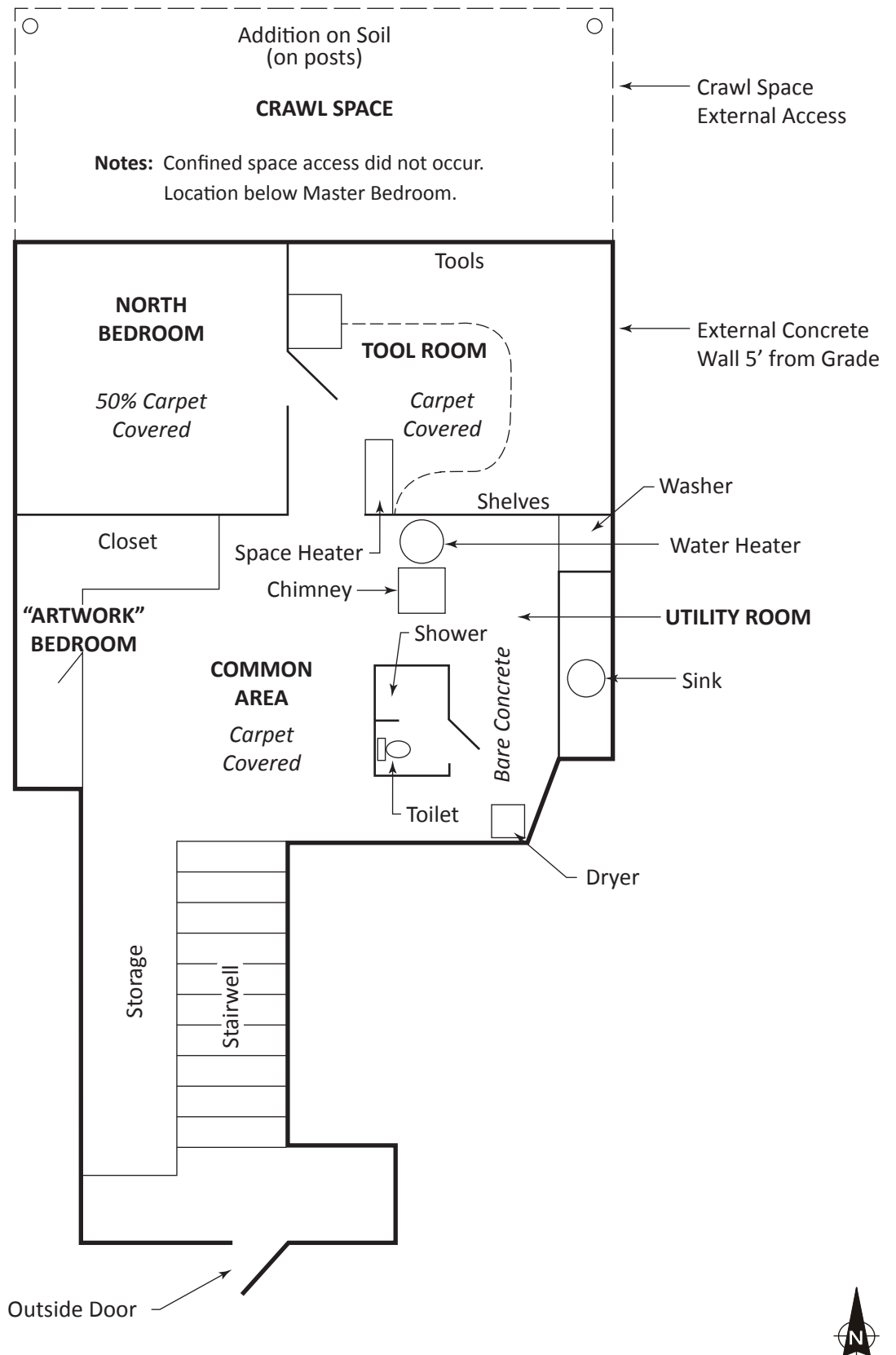
☒ Y ☐ N

If yes, describe: Carpeting throughout.

13. NOTE ANY OTHER CONSIDERATIONS THAT MAY EFFECT THE REMOVAL ACTION

Are there any other performance-related concerns or issues (e.g., objects to be moved in crawl spaces, large furnishings to be moved, etc.)? ☒ Y ☐ N

If yes, describe: Crawl space, electrical wiring, and personal property storage.



ecology and environment, inc.
Global Environmental Specialists
Seattle, Washington

SUBAREA II FOURTH AVENUE AND
GAMBELL STREET REMOVAL ACTION
Anchorage, Alaska

0 3 6
Approximate Scale in Feet

720 EAST 3RD STREET

Date:
2/26/14

Drawn by:
AES

10:START-IV\13080020\2

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

TDD Number: 13-08-0020
Photographed by: Carl Overpeck



Photo 1 720 East 3rd Avenue (Residence).

Direction: North

Date: 2/24/14

Time: 12:51

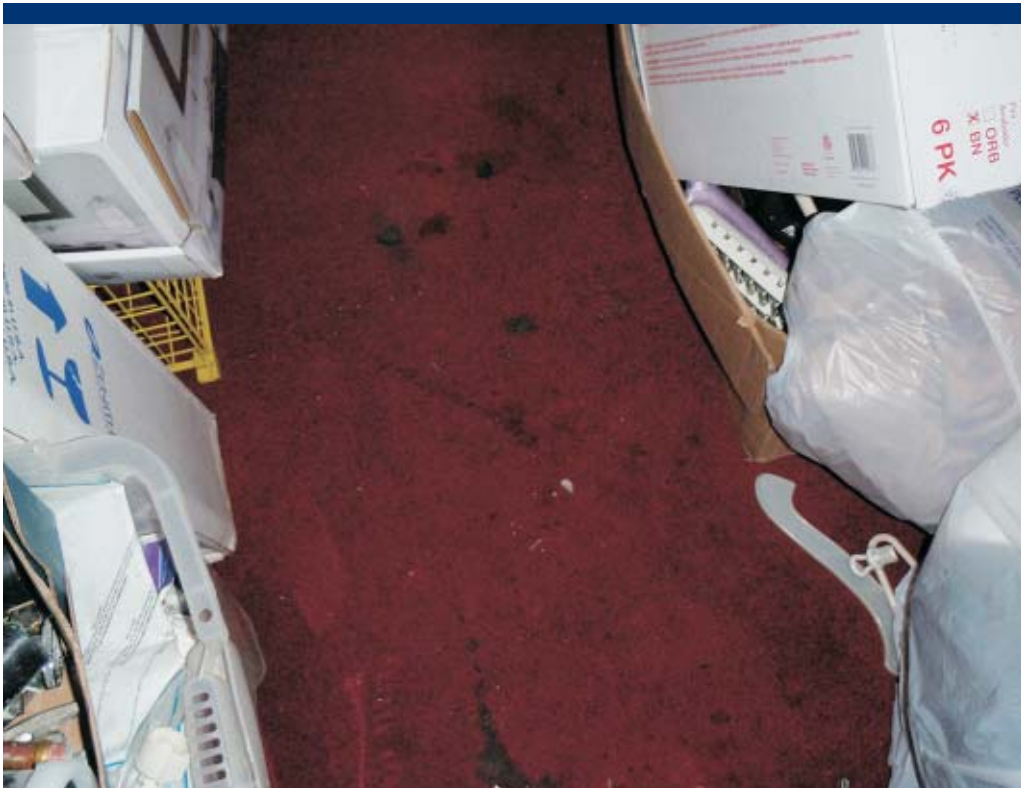


Photo 2 Common area "pathway" below stairwell.

Direction: Down

Date: 2/22/14

Time: 10:34

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

TDD Number: 13-08-0020
Photographed by: Carl Overpeck

(b) (6)



Photo 3 Common area looking north towards bedrooms and tool room.

Direction: North

Date: 2/22/14

Time: 10:49

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

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Photo 4 Hallway to utility room, and dryer.

Direction: East

Date: 2/22/14

Time: 10:49

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
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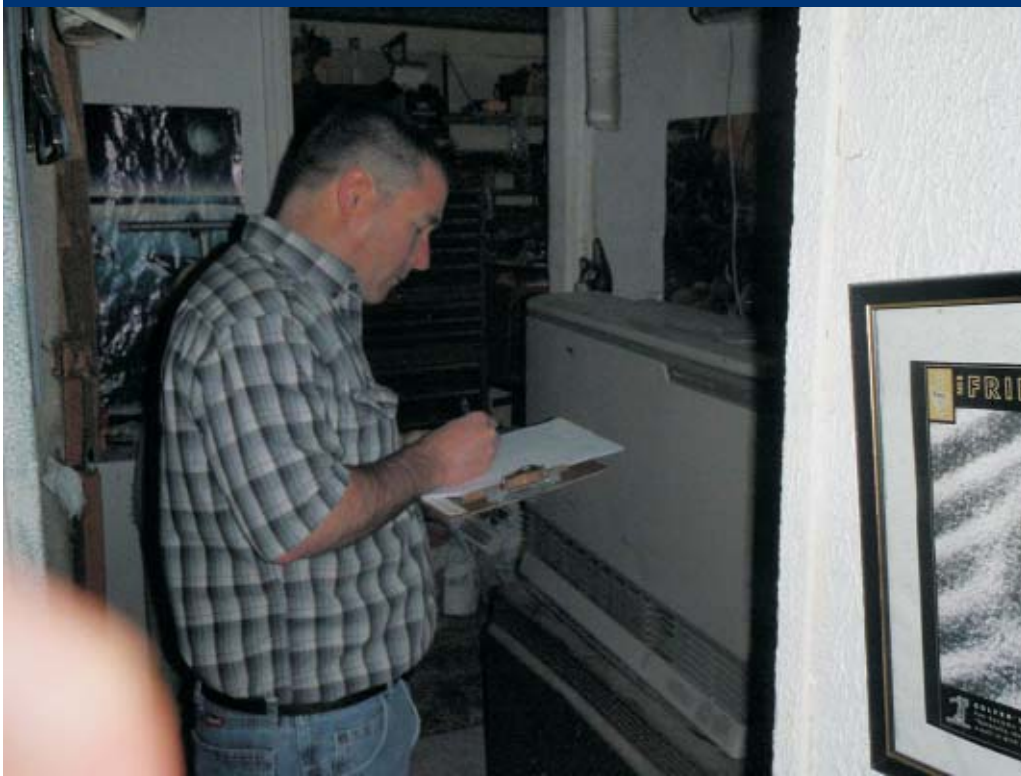


Photo 5 OSC Whittier, space heater, tool room in rear.

Direction: North

Date: 2/22/14

Time: 10:49

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

TDD Number: 13-08-0020
Photographed by: Carl Overpeck

(b) (6)



Photo 6 (b) (6) Bedroom.

Direction: West

Date: 2/22/14

Time: 10:49

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
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Photo 7 Washer and sink in utility room. Note electrical top right & popcorn paint wall coating.

Direction: Northeast

Date: 2/22/14

Time: 10:50

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

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Anchorage, Alaska

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Photo 8 Painted concrete floor in utility room with throw rug.

Direction: Down

Date: 2/22/14

Time: 10:50

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
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Photo 9 Toilet.

Direction: West

Date: 2/22/14

Time: 10:50

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

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(b) (6)



Photo 10 Shower & personal storage.

Direction: Northwest

Date: 2/22/14

Time: 10:50

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
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Photo 11 Water heater in utility room.

Direction: Northwest

Date: 2/22/14

Time: 10:50

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

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Photo 12 Miscellaneous derelict electrical.

Direction: Up

Date: 2/22/14

Time: 10:52

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

TDD Number: 13-08-0020
Photographed by: Carl Overpeck



Photo 13 Space heater.

Direction: Northeast

Date: 2/22/14

Time: 10:52

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

TDD Number: 13-08-0020
Photographed by: Carl Overpeck

(b) (6)



Photo 14 (b) (6) oom.

Direction: Northeast

Date: 2/22/14

Time: 10:53

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

TDD Number: 13-08-0020
Photographed by: Carl Overpeck

(b) (6)



Photo 15 North bedroom.

Direction: West

Date: 2/22/14

Time: 10:54

(b) (6)



(b) (6)

Photo 16 Room.

Direction: East

Date: 2/22/14

Time: 10:54

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

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(b) (6)



Photo 17 Tool room.

Direction: South

Date: 2/22/14

Time: 10:54

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

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Anchorage, Alaska

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Photographed by: Carl Overpeck

(b) (6)



Photo 18 Carpet in (b) (6) bedroom.

Direction: Down

Date: 2/22/14

Time: 10:56

(b)(4) copyright



Photo 19 (b) (6) bedroom.

Direction: West

Date: 2/22/14

Time: 10:56

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

TDD Number: 13-08-0020
Photographed by: Carl Overpeck

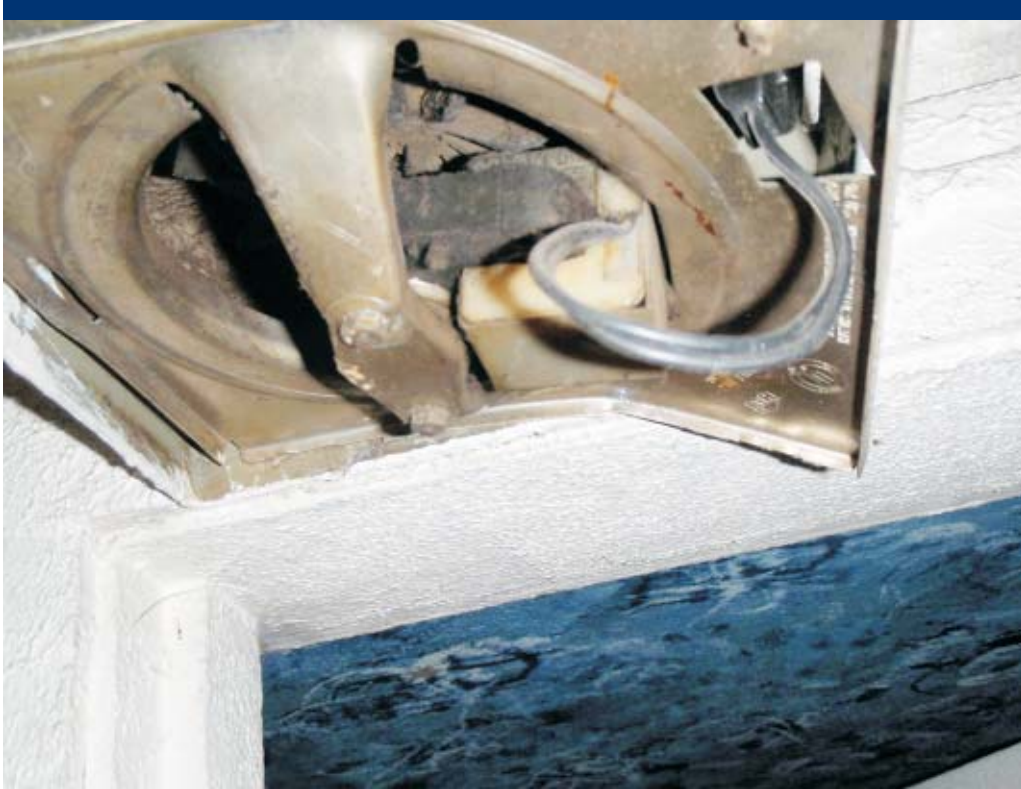


Photo 20 Miscellaneous derelict electrical.

Direction: Up

Date: 2/22/14

Time: 10:57

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

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Photo 21 OSC Whittier on stairwell.

Direction: South

Date: 2/22/14

Time: 11:00

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

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Photo 22 Sewer pipe from above. Note popcorn paint.

Direction: South/Up

Date: 2/22/14

Time: 11:01



Photo 23 Miscellaneous derelict electrical.

Direction: Up

Date: 2/22/14

Time: 11:01

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

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Photo 24 OSC Whittier & owner (b) (6) viewing location of master bedroom addition and crawl space external access point.

Direction: North

Date: 2/22/14

Time: 11:04



Photo 25 Utility room windows.

Direction: Down

Date: 2/22/14

Time: 11:04

SUBAREA II FOURTH AVENUE AND GAMBELL STREET REMOVAL ACTION

720 East 3rd Street
Anchorage, Alaska

TDD Number: 13-08-0020
Photographed by: Carl Overpeck



Photo 26 Tool room window.

Direction: Down

Date: 2/22/14

Time: 11:05
